

What is claimed is:

1. An image display system comprising:  
an image reproducing apparatus that captures and  
5 reproduces images recorded by a plurality of image  
recording apparatus and additional information added to  
the images;  
a display device that displays each of the  
reproduced images;  
10 a detecting device that detects presence or  
absence of relevancy between the images recorded by the  
plurality of image recording apparatuses based on the  
additional information captured by the plurality of  
image recording apparatuses for reproduction; and  
15 a control device that controls said display device  
to display a related image display screen for allowing  
a viewer to recognize related images which are detected  
to have relevancy therebetween.
2. An image display system according to claim 1,  
20 wherein the plurality of image recording apparatuses  
include at least one still image recording apparatus  
and at least one animated image recording apparatus.
3. An image display system according to claim 1,  
wherein said image reproducing apparatus, said display  
25 device, said detecting device, and said control device  
are incorporated in a television receiver.
4. An image display system according to claim 1,

wherein the additional information includes date and time information indicative of dates and times at which the images were recorded, and wherein based on the date and time information, said detecting device detects, as  
5 the related images, those of the images recorded by the plurality of image recording apparatuses for which a time difference between the date and time information is within a predetermined range.

5. An image display system according to claim 2,  
10 wherein said animated image recording apparatus continuously records animated images while adding date and time information indicative of a time period between start and end of recording of the animated images, to the animated images as the additional  
15 information, said still image recording apparatus records still images while adding date and time information indicative of dates and times at which the still images were recorded, to the still images as the additional information, and said detecting device  
20 detects at least one of the still images having added thereto the date and time information which is contained in a time period indicated by the date and time information from said animated image recording apparatus, as at least one image having relevancy to at  
25 least one animated image recorded within the time period indicated by the date and time information from said animated image recording apparatus.



- reproducing apparatus that records animated images in a recording medium and reproduces the animated images recorded in the recording medium, and said connecting device includes an installing device that installs
- 5 therein the portable recording medium from said at least one still image recording apparatus in a manner such that the images recorded in the portable recording medium can be read out, and an animated image recording and reproducing apparatus connecting device that
- 10 connects to said at least one animated image recording and reproducing apparatus in a manner such that images reproduced from the recording medium in said animated image recording and reproducing apparatus can be captured.
- 15 10. An image reproducing apparatus that captures and reproduces images recorded by a plurality of image recording apparatuses and additional information added to the images and displays each of the reproduced images on a display device, comprising:
- 20 a detecting device that detects presence or absence of relevancy between the images recorded by the plurality of image recording apparatuses based on the additional information captured by the plurality of image recording apparatuses for reproduction; and
- 25 a control device that controls said display device to display a related image display screen for allowing a viewer to recognize related images which are detected

to have relevancy therebetween.

11. An image reproducing apparatus according to claim 10, wherein the plurality of image recording apparatuses include at least one still image recording  
5 apparatus and at least one animated image recording apparatus.

12. An image reproducing apparatus according to claim 10, wherein the additional information includes date and time information indicative of dates and times  
10 at which the images were recorded, and wherein based on the date and time information, said detecting device detects, as the related images, those of the images recorded by the plurality of image recording  
apparatuses for which a time difference between the  
15 date and time information is within a predetermined range.

13. An image reproducing apparatus according to claim 11, wherein said animated image recording  
apparatus continuously records animated images while  
20 adding date and time information indicative of a time period between start and end of recording of the animated images, to the animated images as the additional information, said still image recording  
apparatus records still images while adding date and  
25 time information indicative of dates and times at which the still images were recorded, to the still images as the additional information, and said detecting device

5 apparatus, as at least one image having relevancy to at least one animated image recorded within the time period indicated by the date and time information from said animated image recording apparatus.

10 claim 13, wherein the related image display screen  
displays the time period indicated by the date and time  
information from said animated image recording  
apparatus and at least one thumbnail image of the still  
image recorded by said still image recording apparatus  
15 within the time period indicated by the date and time  
information from said animated image recording  
apparatus, in a manner such that the time period and  
the thumbnail image are associated with each other.

20 claim 10, comprising a connecting device connectible to  
the plurality of image recording apparatuses, and a  
selecting device that selects display of the related  
image display screen when the plurality of image  
recording apparatuses are connected to said connecting  
25 device.

16. An image reproducing apparatus according to claim 15, wherein said reproducing apparatus reproduces

at least one image recorded by one of the plurality of image recording apparatuses when said one image recording apparatus is connected to said connecting device.

- 5           17. An image reproducing apparatus according to claim 15, wherein the plurality of image recording apparatuses include at least one still image recording apparatus that records still images in a portable recording medium, and at least one animated image  
10 recording and reproducing apparatus that records animated images in a recording medium and reproduces the animated images recorded in the recording medium, and said connecting device includes an installing device that installs therein the portable recording  
15 medium from said at least one still image recording apparatus in a manner such that the images recorded in the portable recording medium can be read out, and an animated image recording and reproducing apparatus connecting device that connects to said at least one  
20 animated image recording and reproducing apparatus in a manner such that images reproduced from the recording medium in said animated image recording and reproducing apparatus can be captured.

18. An image display method of capturing and  
25 reproducing images recorded by a plurality of image recording apparatuses and additional information added thereto and displaying each of the reproduced images on

detecting presence or absence of relevancy between the images recorded by the plurality of image recording apparatuses based on the additional information captured by the plurality of image recording apparatuses for reproduction; and

19. An image display method according to claim 18,  
wherein the plurality of image recording apparatuses  
include at least one still image recording apparatus  
and at least one animated image recording apparatus.

21. An image display method according to claim 18, wherein the additional information includes date and time information indicative of dates and times at which the images were recorded, and wherein based on the date and time information, said detecting device detects, as the related images, those of the images recorded by the plurality of image recording apparatuses for which a



time difference between the date and time information is within a predetermined range.

22. An image display method according to claim 19, wherein wherein said animated image recording apparatus

5 continuously records animated images while adding date and time information indicative of a time period between start and end of recording of the animated images, to the animated images as the additional information, said still image recording apparatus

10 records still images while adding date and time information indicative of dates and times at which the still images were recorded, to the still images as the additional information, and said detecting step comprising detecting at least one of the still images

15 having added thereto the date and time information which is contained in a time period indicated by the date and time information from said animated image recording apparatus, as at least one image having relevancy to at least one animated image recorded

20 within the time period indicated by the date and time information from said animated image recording apparatus.

23. An image display method according to claim 18, comprising the steps of connecting each of the

25 plurality of image recording apparatuses, and selecting display of the related image display screen when the plurality of image recording apparatuses are connected

to said connecting device.

24. An image display method according to claim 23,  
wherein said control step comprises reproducing at  
least one image recorded by one of the plurality of  
5 image recording apparatuses when said one image  
recording apparatus is connected.

25. An image display method according to claim 23,  
wherein the plurality of image recording apparatuses  
include at least one still image recording apparatus  
10 that records still images in a portable recording  
medium, and at least one animated image recording and  
reproducing apparatus that records animated images in a  
recording medium and reproduces the animated images  
recorded in the recording medium, and said connecting  
15 step comprising installing the portable recording  
medium from said at least one still image recording  
apparatus in a manner such that the images recorded in  
the portable recording medium can be read out, and  
connecting to said at least one animated image  
20 recording and reproducing apparatus in a manner such  
that images reproduced from the recording medium in  
said animated image recording and reproducing apparatus  
can be captured.

26. A computer readable storage medium storing a  
25 program for constructing an image display system that  
captures and reproduces images recorded by a plurality  
of image recording apparatuses and additional

information added thereto and displays each of the reproduced images on a display device, said program comprising:

5 a detecting module for detecting presence or absence of relevancy between the images recorded by the plurality of image recording apparatuses based on the additional information captured by the plurality of image recording apparatuses for reproduction; and

10 a control module for controlling said display device to display a related image display screen for allowing a viewer to recognize.

27. A storage medium according to claim 26, wherein the plurality of image recording apparatuses include at least one still image recording apparatus  
15 and at least one animated image recording apparatus.

28. A storage medium according to claim 26, wherein the related image display screen displays related images of the images recorded by the plurality of image recording apparatuses which are detected to  
20 have relevancy therebetween, in a manner such that the related images are associated with each other.

29. A storage medium according to claim 26, wherein the additional information includes date and time information indicative of dates and times at which  
25 the images were recorded, and wherein based on the date and time information, said detecting device detects, as the related images, those of the images recorded by the

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plurality of image recording apparatuses for which a time difference between the date and time information is within a predetermined range.

30. A storage medium according to claim 27,
- 5 wherein said animated image recording apparatus continuously records animated images while adding date and time information indicative of a time period between start and end of recording of the animated images, to the animated images as the additional
- 10 information, said still image recording apparatus records still images while adding date and time information indicative of dates and times at which the still images were recorded, to the still images as the additional information, and said detecting module
- 15 detects at least one of the still images having added thereto the date and time information which is contained in a time period indicated by the date and time information from said animated image recording apparatus, as at least one image having relevancy to at
- 20 least one animated image recorded within the time period indicated by the date and time information from said animated image recording apparatus.

31. A digital television apparatus comprising:
- a connecting device that connects to a plurality
- 25 of image sources including at least a first image source and a second image source, in a manner being identifiable from each other, the plurality of image

an obtaining device that obtains the additional  
information added to the images from the plurality of  
5 image sources;

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10      a storage device that records results of the
      searching;
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a control device that displays the at least one image read out from the second image source.

33. A digital television apparatus according to  
25 claim 31, wherein said searching device starts the  
searching when the second image source is connected to  
said connecting device while at least one image from

the first image source is being displayed.

34. A digital television apparatus according to claim 31, wherein the additional information from the first and second image sources is photographing  
5 location data.

35. A digital television apparatus according to claim 32, wherein images from the second image source are images developed on a continuous time axis as one scene of an animated image, and wherein said readout  
10 device reads an image from the second image source which is associated with an image from the first image source, in a manner such that reading-out of the image from the second image source is started from a leading position of the one scene or a position located a  
15 particular interval before a particular intermediate point on the time axis in the one scene when the image from the second image source associated with the image from the first image source is positioned at the particular intermediate point on the time axis.

36. A digital television apparatus according to claim 31, wherein the first image source comprises a device that supplies animated images, and wherein when an image from the second image source associated with an animated image from the first image source is a  
25 still image, said control device displays the image from the second image source associated with the animated image from the first image source by

synthesizing the image from the second image source associated with the animated image from the first image source on a part of a display screen in which the animated image reproduced from the first image source  
5 is displayed, for a predetermined time period.

37. A digital television apparatus according to claim 36, wherein said control device displays the image from the second image source in a manner such that with a particular direction of the display screen  
10 set as a time axis, a position in the display screen where the image from the second image source is displayed is continuously moved in unison with display of the image from the first image source, from one end to another end of the display screen.

38. An image display method of displaying images having additional information added thereto and supplied from a plurality of image sources including at least a first image source and a second image source,  
15 comprising steps of:

20 connecting the plurality of image sources in a manner being identifiable from each other;

obtaining the additional information added to the images from the plurality of image sources;

searching the additional information obtained from  
25 the second image source of the plurality of image sources using the additional information obtained from the first image source;

recording results of the searching;

reading out at least one image from the second  
source which is associated with at least one image from  
the first image source based on the recorded results of  
the searching while the at least one image from the  
5 first image source is being displayed; and

displaying the at least one image read out from  
the second image source.

39. An image display method according to claim 38,  
10 wherein the additional information from the first and  
second image sources is photographing date and time  
data.

40. An image display method according to claim 38,  
wherein said searching step comprises starting the  
15 searching when the second image source is connected  
while at least one image from the first image source is  
being displayed.

41. An image display method according to claim 38,  
wherein the additional information from the first and  
20 second image sources is photographing location data.

42. An image display method according to claim 39,  
wherein images from the second image source are images  
developed on a continuous time axis as one scene of an  
animated image, and wherein said readout step comprises  
25 reading an image from the second image source which is  
associated with an image from the first image source,  
in a manner such that reading-out of the image from the

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second image source is started from a leading position of the one scene or a position located a particular interval before a particular intermediate point on the time axis in the one scene when the image from the  
5 second image source associated with the image from the first image source is positioned at the particular intermediate point on the time axis.

43. An image display method according to claim 38, wherein the first image source comprises a device that  
10 supplies animated images, and wherein when an image from the second image source associated with an animated image from the first image source is a still image, the image from the second image source associated with the animated image from the first image  
15 source is displayed in said display step by synthesizing the image from the second image source associated with the animated image from the first image source on a part of a display screen in which the animated image reproduced from the first image source  
20 is displayed, for a predetermined time period.

44. An image display method according to claim 43, wherein said display step comprises displaying the image from the second image source in a manner such that with a particular direction of the display screen  
25 set as a time axis, a position in the display screen where the image from the second image source is displayed is continuously moved in unison with display

of the image from the first image source, from one end to another end of the display screen.

45. A computer readable storage medium storing a program for constructing an image display system that  
5 displays images having additional information added thereto and supplied from a plurality of image sources including at least a first image source and a second image source, said program comprising:

a connecting module for connecting the plurality  
10 of image sources in a manner being identifiable from each other;

an obtaining module for obtaining the additional information added to the images from the plurality of image sources;

15 a searching module for searching the additional information obtained from the second image source of the plurality of image sources using the additional information obtained from the first image source;

a storage module for recording results of the  
20 searching;

a readout module for reading out at least one image from the second source which is associated with at least one image from the first image source based on the recorded results of the searching while the at  
25 least one image from the first image source is being displayed; and

a control module for displaying the at least one

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wherein the first image source comprises a device that supplies animated images, and wherein when an image from the second image source associated with an animated image from the first image source is a still  
5 image, said control module displays the image from the second image source associated with the animated image from the first image source by synthesizing the image from the second image source associated with the animated image from the first image source on a part of  
10 a display screen in which the animated image reproduced from the first image source is displayed, for a predetermined time period.

51. A storage medium according to claim 47,  
wherein said control module displays the image from the  
15 second image source in a manner such that with a particular direction of the display screen set as a time axis, a position in the display screen where the image from the second image source is displayed is continuously moved in unison with display of the image  
20 from the first image source, from one end to another end of the display screen.